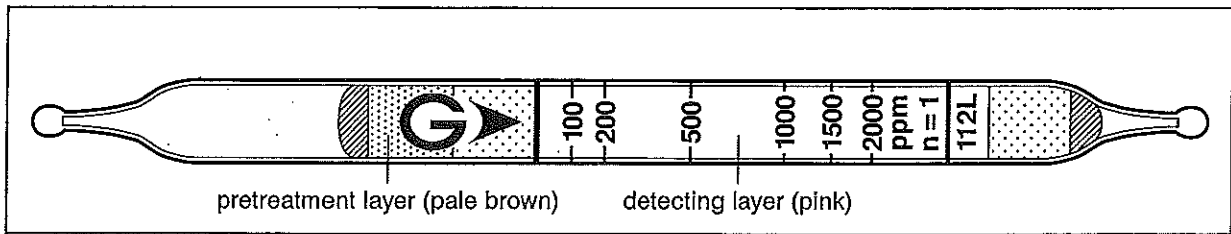


Ethanol C₂H₅OH

No. 112L



Performance

Measuring range	50 to 100 ppm	100 to 2000 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)
Correction factor	1/2	1
Sampling time	6 min	3 min

Detecting limit : 5 ppm (2 pump strokes)

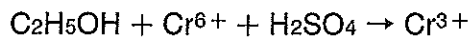
Colour change : Pink → Pale blue

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 15 % (for 100 to 500 ppm), 10 % (500 to 2000 ppm)

Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	Pale blue

Water vapour is trapped in the pretreatment (pale brown) layer.

Calibration gas generation

Diffusion tube method

TLV-STEL : 1000ppm

Explosive range : 3.3 to 19 %